IMPORTANT!!!
FLORIDA LEAGUE OF RADIO CLUB COUNCIL MEETING AT ORLANDO HAMFEST.
Check SKIP booth for time and room no. —W4ID

[redacted]

FLORIDA SKIP

VOLUME 14 NO. 12 | THE ALL-FLORIDA RADIO AMATEUR'S PUBLICATION | MAY / 1971 | Price 20c

FLORIDA QSO PARTY

Here at deadline time the Florida QSO Party logs are flooding our poor lil ole box 501. Thanks fellows. We will have the final results of the Party for your next issue. At this point, it looks like a record turnout and some top breaking scores. Here a couple soap box comments . . .

Very FB QSO Party. Seemed to be lots of activity on both phone and cw bands. Between the phone and cw contests, I worked 12 new counties. I hope they will all QSL. Would like to invite all of you Florida boys to the Washington QSO Party Sept. 11-13, 1971. Watch CQ and QST for rules . . . K7RSB, Seattle, Wash. . . . "Very fine contest. Feel like I've worked half the hams in the U.S. KL7AKE calling late in the contest with 'Don't you hear me? This is Alaska!'. Certainly perked me up just when everything was getting blurry and I was having difficult telling dots from dashes. Really enjoyed myself. Thanks. Jerry WB4OGW, Ft. Lauderdale . . .

More next month folks. 73 K4FMA and WA4RRB. Committee.

EX CALLS

Every month we have a healty list of Ex-Calls. Many OT's have been reunited through this column. Have you sent in yours? Editor.

WA4GWN ex KG6JAF, WB4-MOK
K4QT ex WB4KGZ, W2BLS
WA4FGN ex W2EIL
W4VGS ex W9GRM
WB4ICK W8CEU ex KR6JZ, W4LJT
W4ZRT ex K3IIT, PAONOR, AJ3UM

Armed Forces Day Communication Tests

Each year on the third Saturday in May, the Department of Defense sponsors the observance of Armed Forces Day. As a part of this observance the Department of the Army, Navy and Air Force annually conduct communication tests designed to demonstrate to the world the close partnership and mutual respect enjoyed between U.S. amateur radio operators and the U.S. military. This year's program will be conducted on Saturday, May 15, 1971, and all licensed radio amateurs are encouraged to participate.

The Radio Amateur's contributions to communication training, international goodwill, military morale and emergency services are recognized by every echelon of the military services. The Armed Forces Day Communication tests are designed to be a tangible demonstration of the firm and long standing Department of Defense policy to encourage and support amateur radio activity. On this twenty-second observance of Armed Forces Day, all radio amateurs are invited to participate and demonstrate to the world the close partnership and mutual respect that U.S. amateurs and U.S. military enjoy.

Due to lack of space here, we suggest you check QST for complete frequency and time listing.

AMATEUR RADIO WEEK JUNE 20-26th

Governor Askew signed on March 22nd a Proclamation making June 20th thru 26th, 1971 AMATEUR RADIO WEEK in Florida.

FLORIDA SKIP made up over 100 copies which will be mailed free to anyone, for publicity purposes, by sending a number 10 self addressed stamped envelope to P.O. Box 501, Miami Springs, FL 33166. The Proclamation is printed on 8½ by 14 inch bond paper. Elsewhere you will find a reduced copy.

Our sincere thanks to Jim Rozzelle, WB4GTY of Tallahassee for his excellent work in getting the proclamation signed by Governor Askew. Don't delay, first come, first served.

New Novice Publications

A new Novice Amateur Radio paper has been started on the West Coast. It is designed mostly for Novice SWL and beginners. It contains 9 ditto pages of news letters and hints. Editor is Gregory Ginn, WB6ZNM, 1240 - 21st St., Hermosa Beach, Calif. 90254. Cost $2.00 for 6 months or $3.00 a year. Ads are 5 cents a word. Good luck to the Novice.

QSL DELUXE

Hundreds of Florida amateurs have DX cards on file at W4LR's QSL Bureau, WN4 - WB4 - WA4. ARRL QSL Bureau, P.O. Box 1989, Melbourne, FL, 32901.

OPERATING IN THEIR bus during the DX CW Contest are Hollywood Club officers (Right) Jim Moran WB4FMZ, Pres. and Kevin Bunin, WB4HML Vice Pres. W4OZF, trustee of club station WB4TON had fun during the Florida QSO Party April 3-4th.
(Photo by WB4CKY)

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Enclosed is $2.00 for 1 year membership to Florida Skip.

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FLORIDA SKIP

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Box 501, Miami Springs, Fla. 33166
Second class postage paid at Miami, Fla. Published monthly.

The publishers of this paper do not assume responsibility of statements made by their advertisers in business competition. All signed articles published in this paper represent solely the individual opinions of the writer and not those of FLORIDA SKIP.

Deadline — 10th of month in Box 501, Miami Springs, Fla. 33166.

Any item in FLORIDA SKIP may be reprinted in any other amateur radio publication in the world with a credit line —Editor

OM, Nominate your XYL for our Skip Dear Mable Award. A most unusual award. Free to members. Give her full name, your call and mailing address. Editor

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Q.C.W.A. Citrus Chapter, W4PI
Q.C.W.A., Treasure Coast Chapter, W1EMVA

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Photographer — W4IKB (West Florida)
So. Miami, WB4JFA
Gulfstream SARO, WB4CDL, W.P.B.

SILENT KEY

We are deeply sorry to report the passing of the following amateurs:

WN4QVK, Wendell W. (Doc) Phipps, Zephyrhills, FL

W4CQZ, Harry L. Fishel, Fort Myers, FL

W4CNO, Roderick G. Stevens, Fort Lauderdale, FL

WA4VYQ, Alfred Weismantel, Seminole, FL

K4CJB, Roy F. Berndt, Bradenton, FL

WA4OTW, Howard A. Hedges, Gainesville, FL

W4EDY, Mary Bonmett, Tampa, FL

W4EHW, Dr. Roger W. "Rij" Arnold, Miami

Letters To Editor

Many hundreds of hours listening to ssb ham contacts involving 3 or more stations have convinced me that something should be done about transceivers.

I am sure you must have noticed, as I have that almost never will there be 3 or more of the roundtable on exactly the same frequency. One has to retune his receiver to have natural sounding voice, yet the stations in the roundtable seem not to have any trouble that way.

It is my opinion that transceivers do not transmit on exactly the same frequency they receive on. Some are worse than others. The SBE 33 seems one of the worst.

I think the manufacturers of transceivers should offer in their specs a statement guaranteeing in plus or minus percentage of carrier frequency the change in frequency when switching from transmit to receive.

Factors outside of the design of a transceiver could produce this error, for instance, operating into a linear amplifier on a 115 volt power source which has poor regulation.

Please excuse the typing errors, my vision is approaching "legally blind" and I

(Continued on Page 11)

GUEST EDITORIAL

By Don Sanders, W4BWS

Public service communications has been a traditional responsibility of the amateur service since the very earliest days of our hobby. The Amateur Radio Public Service Corps (ARPSC) implements this function.

The privileges afforded the Amateur Radio Service are no different than other privileges granted by the Government. The Government believes that it and the country as a whole has something to gain from the Amateur Radio Service. This, and no other reason, is why the Amateur Radio Service continues to exist.

In a world clamoring for more space in the r-f spectrum and a TV watching public convinced, at least in part, that hams constitute a marginal, if not detrimental, lunatic fringe of society, how can we justify the small part of the spectrum we occupy? The time isn't far off when the Government will be examining the performance and contributions of the amateur service to see if we are fulfilling our obligations.

It is time to take a good look at ourselves and to act on what we see. Many say amateur radio is just a hobby and not a job; that we should participate in it as a hobby. To be sure, it is a hobby, but it seems that it's going to take a lot of work to guarantee its continued availability.

There are three basic areas where we each must put forth an effort to assure our survival: 1) we must exploit our public service capabilities to the fullest; 2) we must get the maximum out of our activities in terms of public relations; and 3) we must expand our technological ability toward advancing the "state of the art."

The phone patchers, the traffic nets and emergency nets, and those who help during natural or manmade crisis are probably doing most to justify our existence. Most of us do not have the opportunity to reinvent single-sideband or develop a new type of device. But, everyone has the opportunity to personally upgrade himself through incentive licensing.

It is up to us to acquaint the public with the things we're doing and have done in the past. They should know that amateurs pioneered the VHF, UHF and micro-wave regions which enabled the vast networks of microwave and public service systems to provide us with many of the comforts and safety we take too much for granted today.

They should be told that in time of emergency, a trained group of communicators stands ready to provide invaluable assistance. Public officials and charitable organizations should be aware that the hams are standing by ready to aid them.

We are in a unique position of having to sell the services we want to give away, because too few people are aware of our potential. Yet every parade, sports car rally, boat race, long weekend and special holiday provides another opportunity to get it publicized.

In this issue of SKIP you will find a copy of the FLORIDA AMATEUR RADIO WEEK PROCLAMATION, cut it out and give it to your local newspapers, radio station or TV editor. Try to get a lil amateur publicity during this FIELD DAY week. Every little bit counts.

Why not join the Amateur Radio Public Service Corp? It costs nothing. Send FLORIDA SKIP a number 10 envelope for more information and application. (PCARS, W4CII Ed.)

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DX-PEDITIONS

YI — Iraq — TA1FK apparently has activated this country as YI1FK. Listen 14.050 to 14.060 around 1830 Z.

ZA — Albania — DL7FT may reactivate ZA2RPS towards the last two weeks of June.

TN8 — Congo — This rare spot should be activated in the near future — more information next month.

AC3,4,5 — Gus's expected trip to these exotic places has been postponed, probably until sometime near September.

Ks4 — Swan — Swan may have a change in ownership and it's new call will be HRO. Several HRs are planning to activate this call when the changeover takes place.

Rare Stations Active

JW5 — Svalbard — JW5NM will be active until a mid June QRT. QSL to LA7RB.

ZK2 — Niue — ZK2AF has been active on 14.245 at 0400 Z. QSL to WOBN.

CR8 — Timor — CR8AG was heard on 14.208 at 1200Z.

JT1 — Mongolia — JT1KAA is being worked on 20 CW around 0200 to 0300 Z and again around 1200 Z.

TY1 — Dahomey — Bob, TY1ABE, is currently active mainly around 2000Z on 15 CW.

TT8 — Chad Republic — TT8AC has a sked with W4SPX on 14.290 at 0530 Z Just about every night.

If you sometimes get a little tired of the pile-ups and don't particularly care for list operations and wish there weren't another way to work DX — then try checking in to one of the following "DX nets." You are usually allowed to make one or two calls when it comes your turn and you can call any of the DX "checked in." Why not give 'em a try.

YL ISSB NET — 14.332 — Daily

Pacific DX Net — 14.265 — 0600Z — Fridays

SE Asia Net — 14.320 — 1200Z — Daily

Micronesia Net — 14.335 — 0800Z — Tu., Th., Sa., Sun.

African DX Net — 14.290 — 0400Z — Saturdays

MONKEYS OR PEOPLE

Mention public service to some amateurs and they reply, "Ham radio is only a hobby with me, and I don't want to take it seriously." Others say, "I just got a license so I could talk, and this public service stuff is no fun."

Some of these amateurs may be just plain selfish, but if you look at the above quotations carefully you will see they represent a rather odd philosophy. This philosophy says, "Any activity of a serious nature, or that requires thinking and effort, cannot possibly be any fun." Such a philosophy would be true if people were no smarter than monkeys, who are content just to chatter endlessly and chase around the bushes all day.

But (most) people are not monkeys, and so we cannot be content for very long playing silly monkey games, even as a diversion or hobby. (If endless, aimless chattering is your bag, please QSY eleven meters.) We need to stretch our minds as well as our muscles with hobbies. You may enjoy playing ping pong for awhile, but how long could you play ping pong without being thoroughly bored? Retired people often find that the trivial hobbies they used for amusement while they were working are pretty boring after retirement.

Amateur radio is by nature composed of varied challenging and serious activities. That is why ham radio is one of the best hobbies. Public service can be just as much fun and satisfaction as any other phase of the hobby, as many happy amateurs will testify. Don't pass up public service activities because someone told you they are too solemn and serious. Sensible people can receive really lasting satisfactions only from sensible activities. QRK??

73, W4SMK, Asst. Sec. E. Fla.

THE VP9DX group put up all their antennas before the CW WW DX contest. Nov. 24th and 25th. L to R: Ralph W3NNK; Gene, W4RBR; Jim, VP9BY; Vic, K4SHB and Mike, WB4OUH. It was a combined effort of the Franklin Valley Club and the Florida DX Club. Watch for their score—WOW! (Photo via WA4OUH)

WWV CHANGE FORMAT

On July 1st WWV and WWVH will revise their program formats. Changes will include time announcements every minute instead of every five minutes, and elimination of Morse code. Use of male and female voices to help distinguish between WWV and WWVH. WWVH gets the feminine voice. We hope to print a new NBS hour-chart with more info next month.

– DEADLINE –
DON'T FORGET THE 10th IS OUR DEADLINE FOR ALL ADS, COPY, HAMBARS

HAM RADIO AT AFCEA—1971

On-the-air Ham Radio facilities will be provided by the U.S. Navy's Washington voice in the amateur radio fraternity, K4NAA, operating daily from the Sheraton Park Hotel in Washington, D.C. during the three days of the Armed Forces Communications and Electronics Association Convention in June. AFCEA convention delegates with amateur radio licenses are invited to take advantage of the Navy's ham radio station to contact friends during the convention on June 8, 9, and 10.

The K4NAA fixed portable station will be operational from 0900 to 2200 EDST with two available positions for CW and SSB on the 10, 15, 20, 40, and 80 meter bands.

A specially designed QSL card has been prepared to acknowledge contacts with licensed amateurs throughout the world who are invited to make contact during the AFCEA convention.

The Navy and AFCEA invite all amateur radio enthusiasts to visit K4NAA on June 8, 9, and 10.

WIRE ELEMENT ANTENNAS

These dipole or inverted vee type antennas have full halfwave elements made of No. 12 copperweld wire. Detailed instructions and three ceramic insulators included. Double tuned units resonate to two frequencies inside a single hamband for optimum CW and phone performance with a single antenna. Folded dipoles and monobands available. Brochures upon request.

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AIR FORCE MARS

By J. R. Hopkin, Jr.
WB4BND AFC4BND

For those of you who are disappointed in the present method of issuing of equipment perhaps you do not know the whole story. At present, the Air Force is the only agency freezing equipment. While it is true there are several MARS members screening surplus channels, only AFCS can put the hand on it. This means that there are times when a member finds some "goodies" in the catalogue at a Base near him, by the time he can alert SCA of his find and they inform AFCS who must freeze the items, the time period has lapsed and the material has been sold into the surplus market. This was all brought about a couple of years ago when there was some shady dealing of equipment by a few of the members. This brought about a general overhaul of the program with the above results. As there is no way to ascertain who the baddies are the good guys have been cut off from many useful components available in the past to homebrewers.

In an attempt to balance this deficit, the Air Force has tried to make available more prime equipment. As you might imagine, this equipment is much scarcer and is not given to a member, but loaned to him for his use in the program.

While on this subject, there is good reason to believe that quarterly time participation will be increased to 18 hours for the three months. Any time you accumulate on other nets etc. is credited to you, but you still must have your 18 hours on your primary assignment. This is not too great a burden when you have a minimum of 39 hours possible in each quarter.

NAVY MARS

By Bonnie Wieboldt WB4F SF
NOPJQ

The North Florida 2 meter repeater will be located in a Deland hospital. NO's—HSN, EQW, QKH, QGX, and GAJ are doing much work on this project.

NOOPU, Bill in Port Charlotte has been active as NCS for the South Florida 2 meter SSB net.

South Florida is organizing a training net on their recently authorized frequency of 7380 KHZ.

After many years of very little Navy MARS participation from Key West, we are pleased to welcome NOOLV, NORRK and at the Sonar School, NONK-W. The Naval Reserve Training Center in Miami has also been licensed as NONJQ.

SPECIAL CALL SIGN WC4SFF was awarded the Gulfstream Society of Amateur Radio Operators of Lake Worth during only the South Florida Fair. They worked over 1000 stations and request all QSLs be sent via Box 461. Lake Worth, FL 33460. Shown here are father and son team WB4PKP (left) and WN4PKO (father on right). It was an excellent amateur radio display and enjoyed much by the public. (photo via WA4SVH)

In case you find any mistakes in this issue, just remember that they were put there for a reason . . . We try to offer something for everyone and some people are always looking for mistakes.

- TEMPO I
- TEMPO 2000 LINEAR
- KENNWOOD T599
- KENNWOOD R599
- HENRY 2KD4 LINEAR
- COLLINS-DRAKE
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DELTONA, HAM NEWS

By Jack Six, W4YPA

Deltona CD Net meeting every Friday 7:30 p.m. on 28,605 Khz. I am sorry to report that attendance has dropped off. I am wondering just why the light interest and if anyone has any suggestion to improve the net. I would be most anxious to hear from them.

WB4HAK, Al Canning now living in DeBary and checked into our net a couple of weeks ago.

The State QCWA net on Sunday 12 noon 7254 Khz is doing real good just about thirty check in each Sunday. For the past couple of weeks we have had QRM from a Spanish speaking station and it reported he is in the USA. I hope he reads this as he is very broad and takes over most of the band. We have tried to move to miss him but he either drifts or moves to follow the QCWA net.

The six meter net has been missing the past few weeks on the CD net also W4YLR has given much time to look for the six meter stations but no response.

K4LZ, Tom Ames, who spends most of his time playing golf came in with first prize at one of the recent Deltona Golf Tournaments. All of the local papers carried his picture—nothing like having a champ among us. Be happy everybody and smile—it's catching.

EVERGLADES AMATEUR RADIO CLUB

By Dick Dowst, WB4HZK

The Everglades Amateur Radio Club held its regular meeting on Friday March 12, 1971, and it was attended by 90 percent of the members. The meeting got underway at 7:45 with the treasurers and secretarys report. Bob Heaton, K4JPZ, gave the club a complete report on the tower project.

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(See page 13 for more details)

The club members were notified on Feb. 25 that there was to be a mass rally of a certain organization in the South Dade area just north of Homestead on Feb. 26, and that reliable reports indicated that there was to be numerous riots and firebombings of local businesses from south Miami to Florida City. The local police and civil defense units requested assistance from the Everglades Amateur Radio Club to aid them in servaillance patrol in the Homestead area.

The response was very gratifying as we had about 47 persons turn out for this service which was strictly voluntary. We had eight mobile units on patrol which left the police available to take care of the more important duties. We patrolled all night and was on standby all the next day Saturday, Feb. 27. We are happy to report that our operation was a huge success in that there were no incidents of violence at all.

Dave Hood, WA9IVB 4 gave a very complete and interesting talk on radio receiver operation and their component parts, many thanks Dave for a very fine job.

In closing we wish to congratulate Carlos Hernandez, K4CAG (Calling All Girls) on his retirement from the Air Force after more than twenty years.

SOUTH MIAMI RADIO CLUB

By WB4JFA

The club held its meeting on April 2, 1971 at the Coral Gables Police Station. We had a good turnout but we are always looking for new members. The club's rig was discussed in conjunction with field day and we hope to have some gear by the next meeting.

A trip to the Keys was planned for the Florida QSO party and a rig was set up at WB4HIS home in the Keys. A pot luck lunch was served to all members furnished by the XYL's and a good time was had by all.

Our code and theory class is doing very well and two members, Ray and Martha Edwards, have upgraded their tickets so far. We hope to get more interest in field day and other events, such as field trips and tours of various radio and electronic installations in the county.

We hope to see more new faces at our meetings, so drop by the first Friday of the month at 8:00 p.m. or call either number listed in the directory of this issue.

FORT MYERS CLUB NEWS

By Ken, W4SMK

The April meeting of FMARC featured a talk by Mr. Bob Halgrim, Curator of the Edison Museum and Estate in Ft. Myers. Mr. Halgrim told many interesting and amusing stories of his experiences while working for Thomas Edison. We were much impressed with his description of Mr. Edison's contributions to science and American industry. Those of you who have never visited the Edison Estate are urged to do so when you are in this area. Edison's many electrical inventions are of special interest to amateurs.

We regret to report that Harry Fishel, W4CQZ, is a Silent Key. Harry was a charter member of the club and past president. In fact the first organizational meeting of the FMARC was held at Harry's store, with W4IYT one of the prime movers in this project. W4CQZ was former EC for Lee County, and held several awards for his work in emergency communications. He was also Red Cross radio officer for many years, and active in the World War Two Emergency Radio Corps.

Lou Persons, W4PJG, reports on his DX Expedition as VP5JA to Providencia Island in the Caribbean. Also on the trip were K4IIF of Fla., and W4DQD from Ga. The boys made some 2,300 contacts during the CQ World Wide Phone DX test. They used Drake equipment, and also filled one log page on 160 meters. W4KET says they had a good signal on 75 phone into Ft. Myers.

The club is planning a picnic outing to Judd Park on May 16. It will be a covered dish affair, with the club providing the drinks. Hope to see you all there for an afternoon of fun.

Eb Long, K4GEW, is trying to work up some interest in two meter FM in this area. He reports quite a few mobiles are passing through town with FM gear. Eb has a mobile rig installed in his camper, which he also uses at home with a beam.

QCWA SOUTHEASTERN CHAPTER

More than 500 years of amateur radio was represented at the Miami QCWA dinner held April 1st in honor of Dr. Lee DeForest (deceased). W4DO and W4JO have the distinct honor of having met the Doctor in Los Angeles prior to 1945. Dr. Lee DeForest is the inventor of the triode radio tube, in the year 1907.

Commemorating the occasion the following rare DeForest radio tubes were available for viewing: The Audion (2 filament pickle tube 1915), The DV-3A miniature (1922), The DV-5 Detector (1923), The DL-15 Amplifier (1923), The Type "H" Transmitter Tube (1927), and the DeForest 500 Power Tube (500 Watts, 1928). Thanks to W4BH and W4NE for their generosity years ago in donation to this DeForest collection.

Can you just imagine the interesting discussions that took place between W4ZF, W8TT, (now K4TT), W4DO (ex W6PM), W4NK (now W4BTM), K4PY, W4GJ, and W4JO, in which 1920 seems only yesterday! I'll bet W4DNV, W4IHW, W4ILE, and W4KGJ have pretty good memories also as they were right in there pitching.

Our new "Flower Fund" boasts $7. and promises to grow to meet any emergency. Our 1971 postage assessment is now due, with 12 members already beat the gun.

Our next monthly dinner will be held May 6, Thursday evening at 6:30 PM. Bring the wife and come visit with us at SMITTIES COFFEE SHOP, 3200 N.E. 2 Avenue, Miami.

W4GJ — Chairman
W4KGJ — Assist. Chairman
W4JO — Secretary-Treasurer

QCWA CITRUS CHAPTER

By K4LV

The years go by too darn fast. At the Orlando Hamfest, May 22nd, our new years starts and the new slate of officers takes over. There was an omission in the list given last month — may we correct it now—

Chairman	Bill Holdich, K4GJ
Vice Chairman (elect)	Ken Aitken, W4FIQ
Vice Chairman (honorary)	Bill Waldo, W4PI
Secretary	Lee Terry, W4CNV
Orlando Section	Jes Price, W4CLJ
Melbourne Section	Rudy Bailes, W4TL
Lake Co. Section	Rog Spicer, K4FC
Daytona Section	Fred Brauner, K4JZB

The luncheon meeting of the Citrus Chapter will be held at Morrison's on East Colonial. QCWA-ers in general are invited. This location is a short auto ride from the hamfest and it is suggested that groups get together to make the trip. Perhaps the visitors can find local member groups that will take them along—ASK!

Keep Healthy, Be Happy—C U All There!

PS—Paid your National Dues lately?

Q.C.W.A. SUNCOAST CHAPTER

By Bill Soehl, W4GHR

The new QCWA-Suncoast Chapter held their first meeting, with a luncheon at the Windjammer Restaurant, in Sarasota, with 38 in attendance. The new Charter was proudly passed around for inspection. Two 50-year Certificates could not be presented as the recipients, K4QK—Ray Hecht & W4ZRL—Vern Busch, were not present.

W4YK—Bob David, os the Gator Chapter, gave some interesting statistics on the organization of the QCWA in 1947. He had the QCWA Directory for 1954 in which less than 1 page was devoted to W4-land. From 1966, with a total of a little over 4000 members, the last Directory shows around 7000. The Gator Chapter was formed for the Suncoast area, but grew to 150 members in an area from Tallahassee to Naples. From this group, the Citrus Chapter was organized to cover the Orlando area and now the Suncoast Chapter covers from East Tampa to Marco, the Southern tip of the Suncoast.

Bob also called attention to the Sheriff's Boys Ranch, with the forming of a Radio Club there and the help the amateurs are giving them. They are in the process of erecting a separate building for a radio shack. Help will be needed in finishing and furnishing it and it is his hope that the QCWA Chapters might assist in this project.

The next meeting will be held May 5th, with a luncheon at the Windjammer at 12:15 p.m. All QCWA members, XYLs and friends are welcome.

QCWA GATOR CHAPTER

By Frank Atlee, K4PI

The special luncheon of the Gator Chapter which was held at the Crow's Nest Seafood restaurant, reached by old style river boat from Homosassa on March 13th was an even better success than expected as several extra guests turned up to bring total attendance up to 41.

The boat to the Crow's Nest generated a little excitement when a malfunction of the boat's propellers caused the boat to list, resulting in several of the passengers, whose feet dangled over the lower deck.

getting an unexpected wetting. However, a good time was had by all, and the picnic type meeting was voted a success.

By the time this gets into print, the last regular meeting and luncheon will have been held at the Knollwood in Clearwater on April 17th, however don't forget the Orlando Hamfest in May where all QCWA Chapters get together.

DADE RADIO CLUB

By Paul Norman, WB4IGC

The election meeting of the Dade Radio Club was held 6 April 1971 at the QTH of Chuck Bolvin, K4KQ. We greatly appreciate the Bolvins having the first Tuesday of the month meeting in their Florida room. I'm sure we leave the place a mess, what with our after meeting coffee-tea and sweet rolls. Thanks again.

We had a good discussion on methods to have an active membership in the club. A cursory check indicates that about 20 members show up with some regularity. A few are occasional attenders and many just pay their dues and belong. The pros and cons were debated with Gene Elliott, K4KJA making some telling points. We are going to continue this dialogue to see if we can't improve member participation.

Field Day was discussed and approved. The gang is going to be strictly vertical this year due to the hardship of putting up beams with so few helpers. This writer is not a field day enthusiast, and I understand that there are usually more people in the chow line than there are ops and loggers.

And now the results of the general elections of the Dade Radio Club!

President	John Steel WA4UCV
Vice President	Paul Norman WB4IGC
Secretary	Evelyn Gaugens W4WYR
Treasurer	Rudy Baker W4ROY

Since all were running unopposed, a voice vote was held. I do believe that the members not elected gave a great sigh of relief knowing they were safe for another year. This writer's election was the only change from last year, and perhaps that's bad. Should the club officers be the same year after year? Perhaps the President and Vice President should be limited to one year terms. Do other clubs have an opinion on this? Please comment in "Skip" if there are any thoughts along these lines.

Well—that's it for this month.

PLATINUM COAST ARS

By Bill Armstrong, WN4RPV

For those of you who missed or will miss all of the hamfests and hamborees in the first two thirds of 1971 don't worry about Hamfest is T minus five months and counting for a lift off on September 11, 1971, so y'all come.

Bill Dunkerly of the Amsat Corp. will visit and present a program on Amateur Satellite Communications to PCARS on April 22. Everyone interested is invited to attend. More information has been forwarded to clubs in the surrounding areas.

PCARS welcomed new member Walt Hill, WB4MVL. Walt has been active on the two meter AM net and was recruited for membership by W4CII.

There have been some slight changes to our newly elected officers for 1971-72. Secretary—Lynn Welliver, WB4RVW and Treasurer—Harry Welliver, WB4RTC had to resign. We are sorry to loose them so soon. The Secretary office is still open and Treasurer is yours truly, WN4RPV.

A reminder of the PCARS 2 meter AM net on 145.38 MHz at 0630 GMT on Tuesdays. All check-ins are welcome.

THE COUNTRY COUSINS

By Stan Offenhutter, K4BLM

We wish to announce that the Country Cousins Net is now incorporated as a non-profit organization. We are in the process of becoming tax exempt with the Internal Revenue Service, more details at a later date.

Gene, WA4IZM, in Pensacola, returned from a tour to Vietnam. Ron, W4SPG and Jim, WA4ZBA checked in after a long absence. Nice to have them back in the fold again.

A BIG THANKS to Ed, WB4SGW and Burt, W4EHR for their help in obtaining the use of a wheel chair for a boy in need of same. That's nice work fellows, as this is a worthwhile project!

M.B., WB4SKO, is compiling a photo album of the Country Cousins and families, with the hopes of having it at the Orlando Hamfest. If you haven't sent in your picture, please do so.

The breakfast will be held at the Parliament House in Orlando (close to the hamfest quarters). At 410 Orange Blossom Trail. The breakfast will be $1.80 including tip at 8 a.m.

We are sorry to report that Dick, W4SKC is in the hospital for a check up and we extend our best wishes to him for a speedy recovery.

A welcome to all to join us every night at 10 p.m. on 3970 KHz. A certificate is given by the net. For all particulars please check in.

BROWARD A.R.C.

By Jim Wilson, W4GDK

At the Broward A.R.C. meeting on March 10 there was a very vocal discussion of two major proposals affecting hams. These were: Florida HB-85 concerning license plates and the new proposals to FCC for widening parts of the amateur bands.

After considerable discussion of the license plate matter and reviewing the action we took last year, Roy McCarty W4RM was asked if he would be willing to write the necessary letters. He agreed to do this.

The FCC proposals were welcomed by some and opposed by others who felt they would be short changed. The variety of the proposals made it difficult to guess the final action.

B.A.R.C. welcomes new members. See our Club ad in this issue for details of our meetings. Come and join us.

WESTERN FLORIDA NEWS

By Frank M. Butler, Jr., W4RKH

Pensacola: W4MS is the first station in W. Fla. to get on SSTV. KOBAD 4 added a Viking Valiant for CW and is active on QFN again. Rig problems and school are keeping WB4DVM QRL. The 6-meter net is active again, with WB4JHQ the NCS, on 50.7 MHz each Sunday and Wednesday night at 1900 CST. W4COE and W4GSY are two old-timers among the group. Others include KP4DFZ 4, WA3ODA 4, WB4PKW, K4FKV and WB4MWX.

Milton: K1MEA 4 is a flight instructor here.

Fort Walton: The first annual Boondocks Swapfest was a big success. WA4VIY won the FM transceiver; the Choctaw H.S. Club won the transmitter hunt. New Novices this month are WN4's UFK, UFI, UGC and UHW. WB4NHH renewed his ORS appointment. New Playground ARC officers are W4MTD, WB4EQU, W4UXW and K4UBR.

Panama City: WB4PNJ got a promotion and transfer to Tallahassee. WB4IXK will take over the EC job. WB8FUZ 4 is active on both ham and AF MARS traffic nets. WB8AXO 4, Tyndall AFB, works mostly 40 and 15-meters.

Chipley: W4IKB had only 4.8 PPM error on the last FMT.

Tallahassee: W4MQQ designed a versatile tone generator for his FM mobile control head.

THE FLORIDA SIDEBANDERS ASSOCIATION

By Jim Ackerson, K4PNJ

Congratulations to newly certified members W4HGO, Ralph and K4CAJ, Cecil. It is good to see "new blood" join our association. Let your ideas and opinions be known so we can develop a better organization.

WN4SMW, our President's sister-in-law, says hello from Garmisch, Germany. Rose is the association's first novice associate member.

Past association officers are reminded that badges can be ordered from W4OVE with their past official position engraved on them. Cost is approximately $1.00.

Wouldn't it be good if we had several social gatherings this summer? What are your opinions on this? Would regional socials be desirable? Association picnics for all the family would be a good way to spend a Saturday afternoon.

Do we have any artistic and creative Sidebander members? The FCC will award a $50.00 prize for the development of an official seal. Why doesn't someone in the association give it a try.

Orlando Hamfest time is fast approaching and most of us are looking forward to a good time of fellowship with association members. Make your plans to attend. Let's make this our biggest year yet.

Every member of the association is

(Continued on Page 8)

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(Continued from Page 7)

encouraged to write their state legislative representatives regarding HB-85. Each of us should write our opinions about this House Bill, if passed, that would raise the price of Amateur Radio license plates 500 percent and permit citizen banders to have their calls on license plates.

Do you have any ideas on how to streamline our association? Drop our president a line and let him in on your thoughts.

Most important — welcome to the new associate member checkins: WB4TDB 4, WB4QKR, WA4SII, WB4QAZ, and W4SNP. Stick with it and become a member of our great association.

TAMPA AMATEUR RADIO CLUB NEWS

By Frank Shannon, K4GT

When you read this, we will have had our Installation of Officers Dinner, April 5th, at the Causeway Inn, Tampa.

Board of Directors attended 100 percent at meeting called by our newly elected President, Frank Ziegler, K4EUK. Frank outlined a most ambitious program of activities, new committees, appointment of chairmen, etc. Dan Reynolds was appointed to head up a committee on membership. So, please, everyone give Dan a helping hand in his membership drive!!

Again, Cy Connolly, W4DVO, is to be congratulated for his writing, reproducing and mailing of TARC meeting notices. These TARC notices are full of newsy items and not to forget Cy's humorous bits! Also, Cy is a real CW swinger on the famous Gator Net, daily at 0830 EST, 7115 KHZ. If you have any message traffic for Florida keep Cy in mind!! Our SKIP Editor, Andy, is active on this net! Phone Cy any of your traffic originated or relayed he can handle it!!

Those TARC members who failed to attend our March 15th meeting certainly missed a par excellence talk on Zeners and their usage in modern gear, by "Al" Cito, WA4MXV. Al is employed as an instructor at Hillsborough High School. He makes a deep technical subject quite appetizing by use of humorous quips!

C U next SKIP

HARS NEWS

By Roy Scott, W4UHF

It is with deep regret that we must tell you of the passing of our good friend and HARS member, Wendell "Doc" Phipps, WN4QVK, who died in Zephyrhills, Fla., on March 18, 1971. "Doc" was active in HARS, and he will be missed.

The TAMPA HAMFEST WILL HAVE A COMPLETE "New Look" this year. It is to be held for 2 days—Saturday and Sunday, October 16 and 17 in the beautiful Electrical Building of the Florida State Fair on North Boulevard in Tampa, a location that is very convenient to everything, including motels, hotels, shopping, theatres and Spanish restaurants. The building is large with over 40,000 sq. ft. for display, swap shop, as well as separate rooms for organization meetings such as MARS, SINGLE SIDEBAND ASS'N, TAMPA BAY REPEATER ASS'N, COUNTRY COUSINS, KNIGHTS OF KILOCYCLES, FLORADORAS, and others, as well as CAP, SCOUTS.

THE GULFSTREAM SOCIETY of Amateur Radio Operators' station WC4SFF operation at the West Palm Beach South Florida Fair worked over 1000 QSOs. QSL via Box 461 Lake Worth, Fla. 33460. That's WB4SVH at mike and WN4PKO on log. Nice going gang!

WEST PALM BEACH AMATEUR RADIO CLUB, INC.

By Clara B. Stables, WB4NXR

On March 10, David Couch, VK6WT, of Perth, Australia, member of the Wireless Institute of Australia, gave an interesting talk on amateur radio, Australian style. Dave has been visiting his ham friends in the U.S.A.

Rudy Suchel, WB4LLD, has been appointed ARRL Emergency Co-ordinator for Palm Beach County.

WB4NRF, WB4PPW, WB4OUH, and WB4NXR have bought two meter rigs for local communication.

Bill Sprague, WB4OUH, working out of W4ZXI at Perrine, participated in the International DX Contest. According to Bill, they broke their last year's record.

GULF STREAM SOCIETY OF AMATEUR RADIO OPERATORS INC.

By Bob Murray, WB4CDL

Another two meter FM transmitter hunt was held 26 March with WA4YIH, Don Moe, as hidden transmitter and assisted by WN4RZO, Larry Nurmi.

After an hour and forty-five minutes of chasing, Don and Larry were very surprised to see W4JBZ, Jim Johnson, running up the road carrying a Laffayette tunable police monitor. Jim had left the car of other members thinking he might have better luck on foot with his super laffing fit radio and after walking and running for about two miles, arrived first on the scene.

Following Jim was WA4SVH, Allen Harp, our president, and his three navigators and co-pilots, and immediately followed by WB4AKH, Dick Kidder and his crew. Leon Chambliss, WB4TMK and his crew brought up the rear. By the way, Jim started with Leon and went to foot later in the evening.

The next transmitter hunt is scheduled for 30 April.

The following Sunday morning, several members managed to set up at 0700 to provide communications for the antique car rally, from Lake Worth to Lion Country. WB4AKH, WB4AMW, W4NS, K4RTK, WA4SVH, and WA4YIH stationed themselves at various points along the route and used two meter repeater as comm. link.

TAMPA BAY REPEATER ASSN.

By Jack, K4LMI

This year has been eventful for TBRA. Unfortunately, the new secretary (me) didn't get the word on writing a column for SKIP. I'll recap this year's happenings in a nutshell.

The first order of business at the January meeting was the election of officers. We re-elected our president, Ken, WA4HAA, vice-pres., Stormy, K4NOC and treasurer Larry, WA4HDJ. We have a new secretary, Jack, K4LMI though.

By the February meeting, we had grown by 5 to 32 active members. The new members were: K4AAI, WA4RXY, WA4TLK, WB4CQU and WB4OQB.

At the March meeting we voted to apply for ARRL affiliation. Outside of the meetings things have also been moving along.

In January, we moved our receiver to the top of a building 75 feet taller than the old site. This move increased our range considerably.

On the 20th of March, we took the transmitter off the air for extensive modifications to the system. We are going to increase the power output to about 250 watts, change our timing, install a new tape recorder, and install a new digital clock and ID machine. The new clock will automatically put the time of day on the log tape, and will provide a code identification without moving parts.

SUNCOAST ROVING REPORTER

By Cathy Soehl
W4BAV AREA ARNS

The Sarasota Amateur Radio Assoc. will tour Radio Station WSPB where the new automation equipment is in operation.

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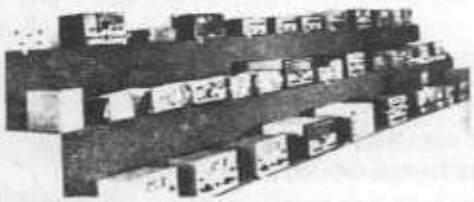

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This will be the Club's April meeting.

The SPARC-GAP Net meets Tuesdays, 8 PM on 50.7 Mc, with K4HQA—Art Bond as Net Control and the Suncoast Net at 9 PM, Sundays, on 51 Mc. All welcome to check in.

WA4FBV—Don Cornell sold his TV business and ham gear to move to Lake Apopka. W4OHJ—Jack Greene purchased his Moseley Diplomatic antenna and WA4GWW—Jim Meeks, the rest of the gear and business inventory.

WB4ISZ—Jim Hall is putting out a fine signal and enjoying his new Swan 500-CX.

W4OHJ—Jack Greene's Polycom has travelled many miles, as he mobiled, but the most recent operation was on a golf cart, during a Woman's Tournament. Jack says it has not been operated on horse back or in a plane yet.

K4MWS—"Doc" Hale was recently in the Stuart Hospital for an operation.

W4ZO W2CE—George Beck has returned to New York, after spending a couple of months at his Orange Springs QTH and a trip to Mexico.

FLORIDORA YLS

By Cathy Soehl
W4BAV AREA ARNS

The Floridoras will have their Annual Meeting, at the Orlando hamfest May 22nd and 23rd.

Congrats to the Georgia Peaches, for reorganizing, with the net meeting every Thurs., 9 a.m. on 7277 kHz.

W8TAY—Anita Bien (ex-W4JCR) sent W4BIL—Fran Foley, 1st Floridora President, a list of the original Floridoras, numbering 30. Anita installed our first officers.

K4RHL—Ellie Hornor enjoyed a visit from Jane, daughter of VK2AOK—Mrs. H. A. Grouse, New South Wales, Australia.

W4KOH—Ernie McMasters was recently installed as Conductress of the local O.E.S. (Order of Eastern Star) Chapter. Trust Ernie is fully recovered from her "bout" with pluresy.

WB4FYD—Margaret Ward, Winter resident of Florida, does not spend much time here. Flew to Puerto Rico for a Caribbean cruise on an Italian boat. Flying North April 21st, returning in time to leave May 8th for a European trip and return May 28th to prepare for going North for the summer. She's out "Go-Go" Girl.

W4AAB—Fran Propst anticipates a trip to Ohio the last of April with a stop in Gatlinburg, Tenn. on the return trip.

K4CVR—Bessie Foss good to hear you on the net again and know you are feeling better, though you are still having to take it easy account of the heart condition.

HOLLYWOOD AMATEUR RADIO CLUB

By Minnie Levine, WA4RLS

Much has happened since last month. Our club has its own call now — WB4TON. Hasn't missed a contest since receiving the new call, especially the Florida QSO Party. Early C W scores:

Hendry Co. 17,930 points—326 QSO's
Glades Co. 4,212 points—117 QSO's

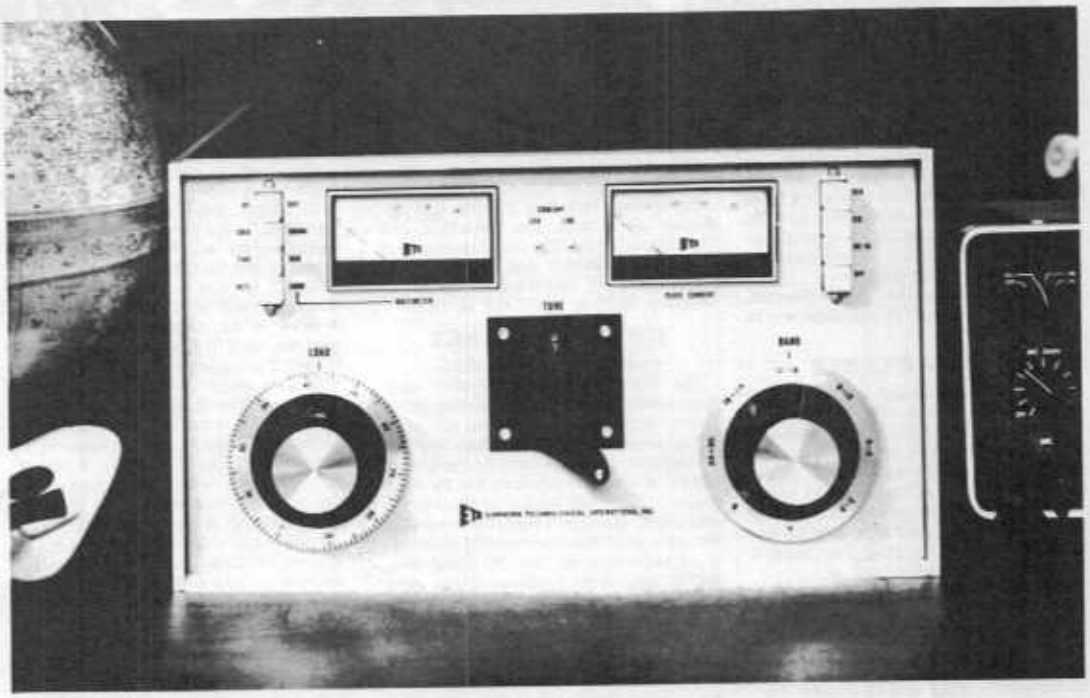
Bob Patten, our contest chairman is doing a fantastic job. WB4LZQ is our new QSL manager.

We have 85 members to date and are waiting for our yellow and orange club jackets. Our club emblem is completed and we are waiting for our logo.

HARC has arranged the placing of Callbooks, U.S. and DX in the Hollywood Public Library.

Our latest radio class is now coming to a close. So far, 7 have passed all of their Novice tests and will soon be licensed. Two others have passed their code tests and are awaiting their theory exams. Additionally, we have six prospective General class licensees, who are now ready for their FCC exams.

STRONG SILENT TYPE



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GATOR NET

By Ev, W4IA

With the advent of Daylight Saving Time, the Gator Net opens one hour earlier by the GMT clock. This means 1230 GTM, 0730 EST, 0830 EDST. All hands are reminded of our alternate frequency — 3651 kHz. This came into play a few times last year. The NCS always will open the net on 7115 kHz at 0830 EDST. If conditions require shift to 3651 kHz, he will make the move at 0835 or thereabouts.

Plan now to attend the Orlando Hamfest, May 22 and 23. Many GN operators will be there.

FLORIDA FAA NET

By George Cooper, W4EH

K4EEL, Si Simons and K4HV, Bill Schroeder, both members of the FAA net deserve a lot of credit for their time and effort in helping several novice obtain their licenses. I imagine many old timer and even some rather new hams certainly would have appreciated having neighbors like K4EEL or K4HV to guide them along a rather rough and rocky road.

Bill Thomas, a first year high school student and neighbor of K4EEL, expressed an interest in ham radio and asked Si to help him. A loan of a code machine, A.R.R.L. handbook, License Manual and a little coaching in the use of a straight key. Bill must have put it all to good use as he is now signing WN4TGJ a very active ham and at last report over 10 WPM. Bill's high school science project using the theme "Amateur Radio" placed second in two categories, Engineering and Science.

K4HV, Bill Schroeder, also instrumental in helping three new novices obtain their license; WN4TVQ, Roy Mitchell; WN4-TQP, Earl Hancock and WN4UJL, Forrest Garland.

SOCIETY OF WIRELESS PIONEERS CW NETS

By Frank Atlee, K4PI

Coast-to-coast Thursday noon EST, 14125kc, NCS is W6HLD. New members listed, check in of members and messages. East Coast 3580 kc 9:30 a.m. Mondays.

South East including Florida and adjoining states 9:30 a.m. Mondays and Thursdays 7030 kc (this is an experimental new net). Members and interested ex-commercial or government operators welcome. K4PI or K4GT will be NCS.

THE FLAMINGO NET

By Kurt Lenkway, WA4GGJ

The Flamingo Net had another very interesting and enjoyable hidden transmitter hunt: K4JXL, Ron, the winner of the previous hunt, was the hidden and lost transmitter. It is customary for the hidden XMTR to pick the territory for the hunt and so it came that we had to drive to the cold north, Broward County. The turn-out was very good. Nine cars participated with 2 to 3 hams to most cars. We found Ron, K4JXL west of the intercoastal waterway on South Lake Drive. He was practically sitting in the water. He was operating a batter / powered rig with a dipole strung from a tree. As he had water almost on all sides, it made it quite difficult to pin-point his location. The team of Chip, WB4OQN and Bryan, WB4QZC came in first. Second was Walt, W4GJ and third the team of Paul, K4CZX and Hal, K4CZY.

For anyone interested to become a regular dues paying Flamingo: check in 3 times during net time on Fridays and make 5 contacts with 5 dues paying Flamingos. Net time starts at 19.30 local time on 29,044 KC. Send $3.00 to John Morel, W4RWT and Dora Dixon K4CYF will send you our "piece of wallpaper." 73.

QFN REPORT

By K4EHY

Now that daylight time is upon us, we are being deluged with the pre-summer QRN, but it seems our corps of super traffic handlers are up to the challenge.

The net is backed up by the large corps of 31 Official Relay Station Appointees of the ARRL in the East Florida section and more from the West Florida section. A new manager will be taking over June 1.

K4SJH, Ham, is homesteaded in Merritt Island and will soon be on the air again. W8WVU 4, Al, Lake Placid is a new member as if K4KO, Rom, in Daytona. WB4PHT at the Boys Ranch, Live Oak, has been a frequent QNI as QFNers go up there and use their two Signal Ones. W4YPX, Ron, in Jax keeps his record alive by rushing home to his new house at his lunch hour (7 p.m.) to check in. WB4FLW, Ted, is home working to finance his education and will be with us regularly again. KOBAD is taking over the Sunday night RN5 spot of K4FAC, Jack, while Jack is in school. Looks like we will be needing someone to take over the assignments of Ron, WA9QVT, as he heads for Korea via Keesler and Wisconsin, May first.

7095 KHZ has been the object of discussion as W1AW has been using that frequency for teletype bulletins at net time. A decision on a new frequency for the forty meter early net session should be made shortly.

FLORIDA MIDDAY TRAFFIC NET

By Herb, W4LSR

We hear Charlie, K4HS back on the net and we assume his Drake is OK again. The word is out that Ted, WB4CBP is having his home re-modeled. Wonder if this means he is planning to retire in South Miami or if he plans to sell and move to Groveland. Joe, WBOBAA 4 our Atlanta member spent a few days on bikini detail on Daytona Beach while Randy, WB4FGW visited his folks (K4HS) in Sarasota. Welcome to our new members in March who are Carroll, W4MML in Belle Glade, Hugh, WA4ILS in Clearwater and Phil, W4BCZ in Lake Placid.

Your reporter has been looking forward for months to the Orlando Hamfest and the eyeball QSO's with our FMTN members. It will be held on Saturday and Sunday May 22nd and 23rd at the Hilton Inn West at 3200 West Colonial Dr.

FAST NET NEWS

By Craig Pettigrew, WB4LAA

The FAST net did very well for itself last month except that there was a slight bit of irregularity in traffic count. Some days certain stations reported zero traffic; other days some reported as many as twenty pieces of traffic. The net started off superbly the month of April. Vince, WA4NNB, moved to a new house and wasted no time getting back on the air.

Starting this month (I guess) this column will incorporate a proficiency report on all net controls. Most net controls agreed this would bring on friendly competition. Eventually, our dreams will come true and it will be called the FASTER Net.

Here it is gang:

Proficiency report for March 1971: QNI per minute as follows:

WB4SMA 1.4; K4BLM 1.38; WB4GHD 1.54; K4SCL 1.55; WB4LAA 1.18; WB4MIQ 1.55.

QTC per minute: WB4SMA 0.186; K4BLM 0.200; WB4GHD 0.418; K4SCL 0.384; WB4LAA 0.282; WB4MIQ 0.157.

That's not too bad. Let's make it even better this month. It would be a good idea to get all the out of state traffic to the stations going to QFN because many QFN'ers like to feed their bellies between the hours of six and seven (at least I do).

That's about it for this month.

TOP TWENTY TRAFFIC TAKERS

1. W3CUI 4	2789	11. W4FFF	162
2. W3VR 4	603	12. WB4OMG	159
3. WA4SCK	475	13. WA4HED	104
4. K4FAC	405	14. W4DVO	85
5. WA9QVT 4	310	15. W4YPX	71
6. WA4IJH	187	16. K4IEX	62
7. K4VFY	185	17. WA4NNB	55
8. WB4LAA	181	18. KOBAD 4	54
9. WB4SMA	178	19. WB4HKP	51
10. W4FPC	167	20. W4NGR	49

TRAFFIC HOUND NETS

NET	QNI	Avg. QNI	QTC	Avg. QTC	SESSIONS
FMTN	935	34.6	312	11.7	27
QFN	937	15.1	557	9.0	62
GN	384	12.4	271	8.7	31
TPTN	568	21.4	200	7.4	27
FAST	769	29.6	147	5.65	26
FPTN	447	16.5	141	5.2	27
NHN	42	8.2	10	2.0	5
VEN	218	7.0	6	0.2	31
WFPN	565	—	17	—	31
ACN	238	7.69	97	3.34	31

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FSBEN – Thurs. 3940kHz 0030 GMT
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LETTERS TO THE EDITOR

(Continued from Page 2)

cannot read what I have written.

Yours for less Donald Duck,

Harry Dreyer, K4HEN
Key West, Fla.

Editor:

Just wanted to list an addition to Don Smith's short article about Canada's time standard station, CHU. Besides 3333 and 7335 KHz, the Dominion Observatory station also broadcasts on 14670 KHz.

Keep up the excellent publication, it is truly a model amateur newsletter.

73,

Bob Grove, WA4PYQ
West Palm Beach, Fla.

Dear Andy,

I was just enjoying the April '71 SKIP when I happened to come across a DEAR MABEL. I have someone I would like to nominate.

Her name is Maryann "SAM" Auld, XYL of Ron Auld, WB4QKR. Sam is a very understanding and ham orientated. She will always work her meals around the FAST and Mid Day traffic nets. She is constantly allowing her home to be used as a class room for new trainees and new hams. But most note worthy "SAM" always has open house for the poor single ham's, namely me. SAM and Ron are with the Navy here in Key West but if any ham happens to be in the area they are always welcome. I refer to Jim Ackerson, K4PNJ who will attest to this.

If any of these facts merit the DEAR MABLE award I would like to have SAM considered for it.

Many thanks and I really enjoy and appreciate FLORIDA SKIP.

73,

Vollie T. Miller, Jr.
WB4TDB 4
Key West, Fla.

(Award was sent Apr. 3, 1971)

Our Florida QSO party scores may be low, but I'll bet we take first prize for the earliest entry.

The Hollywood ARC operated from a KOA camp ground in Clewiston. We operated two mobile stations plus a novice station set up in a tent. The Novices who operated used their own calls and will submit their own entries.

Our Hendry Co. contacts were made from the camp; our Glades Co. contacts were made from atop the levee at Lake Okeechobee. The phone contacts from Okeechobee, Martin, Palm Beach, and Broward were made during the drive home.

We took many snapshots and movies and will submit photos when they are processed. Hope you can use these early scores for the next issue of Florida Skip.

Bob Patten, W4OZF
Miramar, Fla.

I am a ham and a subscriber to Florida Skip. I have read it for a very long time and I finally got around to subscribe about 5 months ago and BOY AM I GLAD I DID.

I have entered a contest from the QST and I have come out the highest Novice in the state, November 1970 Sweepstakes. I am also a pupil of Clydes W4SDR Hambone College. I run a Heath kit HW-16 and a twoer, (For our local net) And a Heath kit DX-20 for the Air Force MARS which I am a member of AFN4RGQ. I use a 15 meter beam and a vertical for 10-40 meters and also a 80 meter dipole via a 2 meter halo up 30 feet.

I am a member of the following:
Mars Air Force
Two meter Volusia Emergency Net
Rag Chewers Club
A.R.R.L.
Amateur Radio Public Service Corps
Also a Short Wave Listener
Also a V.H.F.er

Please find enclosed a picture of my gear and also an antenna picture. I hope that you can use them.

Thank you very much,

Sincerely yours,
Thomas Smith, Age 17

Editor:

I commute every year to Hollywood via automobile and the last two years I've enjoyed it even more so being mobile 4.

While vacationing in Florida it was my pleasure to talk and even eyeball with many a local ham and the boys at Amateur Radio Center in Miami.

Although being only mobile in my operations, I operate 40, 20 and 15 meters SSB and would enjoy hearing from any Florida Stations.

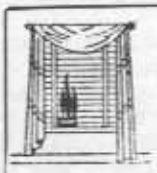
Enclosed you will find my $2.00 for renewal, a very cheap price for an excellent and informative publication.

73

Peter Liaros, K2RSK
Kenmore, NY

KEEP INFORMED

WB4HKP, Frank, of Miami Beach transmits ARRL, FLORIDA SKIP Bulletins and other information on 3651, 3730 and 7095 kHz simultaneously, Monday through Friday at 2330 GMT. His speed is about 15 to 18 wpm—which makes excellent code practice too. Give a listen.



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VHF'ERS COLUMN

By Frank Shannon, K4GT

While your scribe has no definite statistics to prove or disprove, it appears that the greatest gain in VHF participation-activity is on 2 meter FM. Regardless of the hour of the day or night FM'ers seem to come out of the woodwork in responding to your CQ. This increase in population, may be the result of much FM advertising in various amateur publications.

The new transistorized transceivers now greatly reduced in size and weight plus AC and DC power sources are included! The various manufactured types offer from 6 to 12 channels. This is accomplished by the operator merely turning the frequency-selector switch mounted on front panel of respective gear!

As you probably already know, 2 Meter FM was originally populated by amateurs rehabilitating older commercial 2-way mobile gear—usually only capable of single frequency operation. Thus the so-called "calling" frequency was also the "working" frequency. This limitation thus necessitated a code of "gentlemenness" discipline, etc. Without this discipline, these original "Johnny-One-Noters" would certainly cause the popular 146.94 MHZ to be referred to as "The Clobber-Frequency!" With the useage of Repeater stations, these older 2-way gear have been required to be "updated" to accomplish additional frequencies, such as transmit on 146.34 and receive on 146.76 (Tampa area).

To those interested only in a base station, one of the great advantages of FM versus AM or SSB appears to be it's freedom from TVI (or TXI). Ask [illegible]-F'er, WA4VLG, (St. P[illegible]rsburg) about solving his Quasar-Color-TV problem—when all else failed! Please send me your area VHF news!!

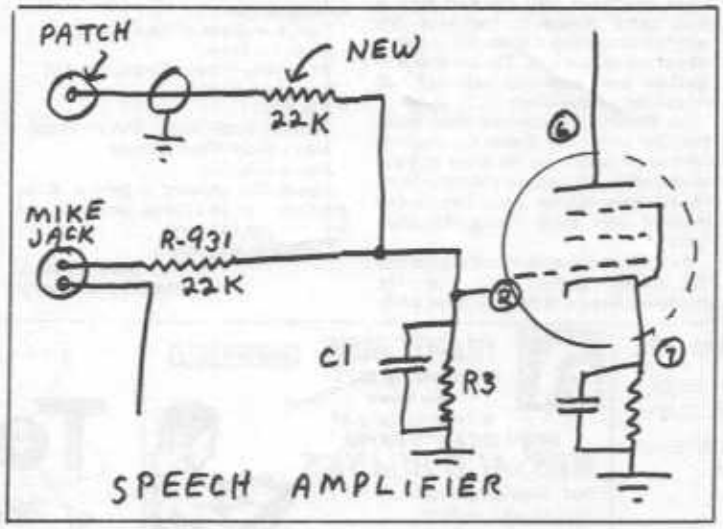
HEATH HW-100 MODIFICATION

(Editors note: Jim Isham, W8TXX, a Heath Co. Tech Consultant sent SKIP the following modification to the HW-100 and 101. Several readers reported his suggestion on the Mar. issue, page 8 — worked like a dream. More later.)

Owners of the HW-100 and HW-101 May wish to incorporate phone patch facilities in their transceivers. It can be done quite easily and will be identical to the method used in the SB series of transceivers.

A 22K ohm resistor should be installed between points A and B on the modulator circuit board. (Refer to the X-ray view of the circuit board in the back of the manual for location.)

Shielded cable (preferably RG-174) should be routed from point A to the spare jack (or one you install yourself if the spare jack is already used.) Ground the shield at both ends.



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All of the 1608 tubes built into the repeaters have operated to date without failure for a total of over 50,000,000 tube hours, or an average of three-and-a-half years. The oldest have been in service since the first deep-sea repeatered telephone cable was laid 12 years ago.

Years before it was put to use, Bell Laboratories scientists and engineers began developing this undersea tube, another example of forward-looking technology that has made the Bell Telephone Laboratories the world center of communications research.

APPLIANCE OPERATORS

For some time I have noticed the increased amount of "crud" on the various bands. I thought it was the growing number of SSB stations however after some concentrated listening I have concluded most of it is from two sources. One: the pushing the daylights out of these cheaper transceivers that were never made to do what some people are trying to do with them. The other, the use of linear amplifiers that are linear in name only.

Another thing that bugs me is how these transceiver boys monitor their signals? Monitor scopes? What makes you think they have the savvy to interpret the pictures? Aw forget it — it's a lost cause. It will all be CB sooner or later anyway!

Onyx

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Florida SKIP DIRECTORY

Each month you will find the following listings. Keep it handy ARRL Officials are listed free. Florida Nets are listed free upon notification from net manager. Clubs listed for $12.00 per year. (Free to clubs taking box ads elsewhere). Any individual may be listed for $5.00 a year. (The ones who really care.) Let's fill up this page!

ARRL LISTINGS
Director, S.E. Division
H. DALE STRIETER, W4DQS
928 Trinidad
Cocoa Beach, Fla. 32931

Vice Director, S.E. Division
CHARLES BOLVIN, K4KQ
2210 S.W. 27th Lane
Miami, Florida 33133

SCM, E. Fla.
JOHN F. PORTER, W4KGJ
P.O. Box 7297
Miami, Fla. 33155

Asst. SCM E. Fla.
ALBERT HAMEL, K4SJH
220 N.E. 25th St.
Pompano Beach, Fla. 33064

SCM West Florida
FRANK M. BUTLER, Jr. W4RKH
323 Elliott Rd., S.E.
Ft. Walton Beach, Fla. 32548

SEC East Florida
ANDY CLARK, W4IYT
41 Lenape Drive
Miami Springs, Fla. 33166

SEC West Florida
G.D. McKECHNIE, W4IKB
527 S. 4th St.
Chipley, Florida 32428

Asst. SEC East Florida
KEN STEWART, W4SMK
2267 Maple Ave.
Ft. Myers, Fla. 33901

Asst. SEC West Florida
T. H. GOLDSMITH, WB4EQU
49 Memorial Pkwy NW
Ft. Walton Beach, FL 32548

NET LISTINGS
QFN (All Florida)
7:00 p.m., and
1000 p.m. kc. daily 3651 kc.
Fla. DX Club net.
Sun. 10 a.m. 7265 kc.
FAA Sun. 9:45 a.m. 7260 kc.

FSBA Sundays
5 p.m. on 3940 kc.

FSBEN Wednesday
7:30 p.m. on 3940 kc.

KNIGHTS OF KILOCYCLE,
Sundays
7:30 a.m. on 3910 kc.

STATE QCWA NET
Noon, Sunday, 7254 KC.

MOONPORT MICROWAVE
ASSOCIATION NET
Sundays at 2100 EST
Frequency 145.5 mhz.

GATOR NET (GN)
Daily 8:30 a.m. on 7115 kc

TROPICAL PHONE TRAFFIC
NET (TPTN) Daily except Sun.
5 p.m. on 3940 kc.

FLA. AMATEUR SIDEBAND
TRAFFIC NET
(FAST) Daily except Sat.
6 p.m. on 3940 kc.

WEST FLORIDA PHONE NET
(WFPN)
6 p.m. on 3957 kc. (2300Z)

FLA. PHONE TRAFFIC
NET Mon. thru Sat.
7 a.m. on 3940 kc.

FLA. MIDDAY TRAFFIC NET
Daily except Sun. at 12 noon
On 7254 kc.

NOVICE HURRICANE NET
(NHN) Sat. & Sun.
2:30 p.m. on 7165 kc.

GOLD COAST EMERGENCY NET
6 Mtrs. 50.445 mc Mon. 2000 local
2 Mtrs. 145.23 mc Tues. 2000 local

FLAMINGO NET
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29.044 a.m.

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CLUB LISTING
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CLUB W4AB
2nd Wed. of month, 7:30 p.m.
Broward County Courthouse
Mailing Address: P.O. Box 8673
Ft. Lauderdale, Fla. 33310 More info. call
523-1517, 584-1277

LAKE AMATEUR RADIO ASSN.,
INC. W4YKY
Meets each Thursday 8:00 P.M. EST
Clubhouse, Springdale Ave.,
Bassville Pk., between Leesburg
and Tavares, Florida.
Mail to O. A. Thompson, K4LV, Secy.
Rt. 1 Three Lakes, Umatilla, Fla. 32784
Telephone 904-357-5149.

HILLSBOROUGH AMATEUR
RADIO SOCIETY, INC. WA4GJJ
Meets 4th Tuesday, 7:30 P.M.
Odd Fellows Temple
6220 Nebraska Ave., Tampa, Fla.
Mail to: P.O. Box 8092, Zip 33604
(33612) Visitors always welcome.

DADE RADIO CLUB, INC.
(W4NVU) 1st & 3rd Tuesday.
Museum of Science 8 p.m.
3280 So. Miami Avenue
Miami, Florida
Mailing address: P.O. Box 73
Biscayne Annex
Miami, Florida 33152

ST. PETERSBURG AMATEUR
RADIO CLUB, Inc. W4GAC
Meetings: 1st Friday
Azalea Community Center
1400 - 72nd St., No.
Mailing Address: P.O. Box 4026
For information phone:
360-7198 or 826-4294

ORLANDO AMATEUR RADIO
CLUB, INC.
3rd Wed., 8:00 p.m.
First Federal Savings & Loan
on Edgewater Drive. Mailing
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TAMPA AMATEUR RADIO
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Meetings: 1st & 3rd Mondays
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Club House: Davis Islands,
Columbia & Barbados
Mailing Address: 943 Cimmeron Ave.,
Tampa, Fla. 33603

SARASOTA AMATEUR RADIO
ASSN. INC.
Meets 3rd Tuesday of each month
8 p.m.
At Sarasota Federal (S. Gate Branch)
Club Call W4IE in memory of Charlie
Service.

WEST PALM BEACH AMATEUR
RADIO CLUB, INC.
P.O. Box 6834
Southboro Station
West Palm Beach, Florida 33405
Meetings: First Wednesday of each month
— 7:30 P.M.
823 Newark Street
West Palm Beach, Florida 33401
Information: Call 833-0775; 582-2237.

BISCAYNE AMATEUR RADIO CLUB,
2nd Wed. of month, 8:00 P.M. W4VMT
Village of Miami Shores Courtroom
10050 N.E. 2nd Ave.
Mailing Address: P.O. Box 305
Miami Shores, Fla. 33153

DAYTONA BEACH AMATEUR RADIO
ASSOC. K4BV
Meets 3rd Mon. each month
American Red Cross Bldg.
800 Volusia Ave.
Mail: P.O. Box 1608
Daytona Beach, Fla. 32015

GULFSTREAM SOCIETY OF AMATEUR
RADIO OPERATORS, INC., WB4FPB
Meets 2nd, 3rd & 4th Fridays
7:30 p.m. Room 23, Civic Auditorium
Mailing Address: P.O. Box 461
Lake Worth, Fla. 33460
Phone: 582-3879

HOLLYWOOD AMATEUR RADIO CLUB,
3rd Monday of month at 8 p.m.
Science Lab, Chaminade High School,
51st Ave. and Johnson St., Hollywood
Mailing Address: P.O. Box 6306,
Hollywood, FL 33021
Visitors always welcome.

FORT MYERS AMATEUR RADIO CLUB
Meets 1st Wednesday of month at 7:30 p.m.
First Federal Savings & Loan Ass'n
Pondella Road (SR 78-A)
North Fort Myers
Sec: 193 Meta St., Fort Myers, Fla. 33905
694-3564

SOUTH MIAMI RADIO CLUB, INC.
K4JVA 1st Fri., 8 p.m.
Coral Gables Police Station
285 Aragon Avenue
More info call:
446-2478 or 238-2583

BRANDON AMATEUR RADIO SOCIETY
WB4RNC.
Meets second Mon. 7:30 P.M.
First Federal Hospitality Room
420 Brandon Blvd. (Highway 60)
Mail Address: P.O. Box 828,
Brandon, FL 33511 Phone 689-2816.

NORTH FLORIDA AMATEUR
RADIO SOCIETY W4IZ
2nd Thursday, 7:30 P.M.
Duval CD Headquarters
107 Market Street
Jacksonville, Fla. 32202

CLEARWATER AMATEUR RADIO
SOCIETY
Meets 2nd and 4th Tuesdays at 7 p.m.
at Florida Power Linemen's Hall,
2166 Palmetto St., Clearwater.
Pres. Norman Mesher, WB4GYB
Visitors warmly welcomed.

TRANSISTOR BIASING

For vacuum tube oriented radio amateurs who find transistor biasing rules hard to remember, here is a mnemonic aid.

Biasing of NPN transistors follow the same polarities as tubes. Plate positive, cathode negative, grid more positive than cathode to turn tube on. NPN transistor, collector positive, emitter negative, base more positive than emitter to turn transistor on.

Once we know this it is easy to recall biasins for PNP transistors as they are biased exactly-the reverse. 73 James Apsey, W4ZHG W8JBP, Miami Springs.

NEXT MONTH:

Watch for Special Article on F.E.T.'s and how they effect Amateur Radio Interference to TV's Electronic Organs, etc.

JUST ONE MORE TIME

By Clara B. Stables, WB4NXR
PART II

In desperation, my long-suffering OM issued an ultimatum. Either I buckle down and get my code speed up to 13 words per minute or dismantle my vertical and the squale and lug them and the rest of my equipment to the trash pile. I bought another record from 13 to 22. I practiced until I knew that record better than I used to know Paul Revere's Ride.

The time came when I had either to take the test again or jump into the lake. Since the lake near my home is presumably polluted, I chose the lesser evil. Down I went, having had a new alternator installed in the car. The tape rolled inexorably on but my fingers froze to the ball-point and moved slowly or not at all. I drove home in somber silence, not even turning on the car's radio. I knew exactly how General Cornwallis felt when he surrendered and the band played "The World is Upside-down."

A week later, the radio club to which I belong, instituted code practice for those unfortunates who had not yet passed the 13 word per minute test. I attended faithfully three times a week and practiced diligently at home. Three weeks passed and I felt confident. Before I trekked to Miami again, I decided to give the house a much needed cleaning. During the process, I slipped on the freshly scrubbed tile floor and springs my arm—the receiving and sending arm. I tried to practice but the member had swollen until it resembled that of a weight-lifter. As soon as the swelling had diminished, I resumed practice. In another two weeks, I was ready again. This time I would go down the day before and stay at a motel so that I would be fresh in the morning for the longest five minutes in my history. Fresh, I may have been; but again I failed.

This was three times. I remembered the old saying: "Three times and out." Should I give up and spend the rest of my Ham life in the lost limbo of a Tech or should I continue the grueling practice and take another stab at it?

I went on. I bought still another record for supplementary practice. My cassette recorder gave up and I returned to the faithful reel type until I could get it repaired. Meals became sketchy; a thick patina of dust settled on the furniture; but the di-dahs rolled on. My sleep was fitful and scant; my appetite waned. I began to hear voices. The teakettle seemed to whistle in code. I considered seriously scouring the yellow pages for a psychiatrist.

Finally, the miracle occurred. On December 24, Christmas Eve morning, another luckless Tech and I drove to Miami. This time the tape seemed to roll slower and the letters, figures, and punctuation marks transferred themselves to the paper in orderly, if shaky, Palmer Method. I never have learned to print. My sending, too, was copiable. I had passed!

To celebrate Christmas Eve, I drove home, showered, and went straight to bed.

There must be an easier road leading to a General license; but I couldn't find it. Perhaps I consulted the wrong map or followed a different drummer.

STUDENTS OF THE 32nd Class of Hambone College at Daytona Beach. Teacher, Clyde Mashburn, W4SDR sits back far right. SDR also has classes going in Novice, General, Advanced and Extra. Clyde is net manager of the Florida Noonday Traffic Net which meets daily except Sunday at noon on 7251kHz.

WHAT IS SPACE?

Space is very large. It is immense. A great deal of immensity exists in space. Space has no top, no bottom. In fact, it is bottomless both at the top and the bottom. Space extends as far backwards as forward and vice-versa. A billion miles traveled in space won't bring a man any nearer to the end than one mile or an inch. Consequently, in space it's better to stay where you are and let well enough alone. — Anonm.

There are those who say that the code is an anachronism; that it is outmoded; that it should have gone the way of the surrey with the fringe on top, the flivver, and the jazz-bow tie. However, it is still in the rules and regulations and who are we to challenge Foxtrot Charlie Charlie? The bones of those who have are moldering along the road to failure, while with a little more effort they could have sped to success.

Now, with a brand-new log, with a 24-hour clock, with a dozen electrically sharpened pencils, I sit before my pristine Cygnet 270B and, like the ugly duckling who turned into a swan, I hope by di-dahs and by voice to reach the far corners of the universe, the stars, the planets, and perhaps an asteroid or two. Alexander had nothing on me. There are still new worlds to conquer!

PRESIDENTIAL LIMOUSINE LINKED TO WORLD

It's not everyone who has a limousine that cost more than $250,000. However, the President of the United States does and it's probably the most expensive Lincoln Continental in the world.

It looks much like you would expect a luxury car to look, but it is constructed more like a tank. It has two tons of steel armor plate in it and has a fighter-like type canopy. The windows and transparent bubble top are bullet proof with glass thicker than that in a fighter plane.

It rides on four special truck tires that contain an inner steel disc which would allow the car to travel 50 miles per hour with four "flat" tires. The rear bumper folds down to provide a place for Secret Service men to ride. The car is built on an extended limousine wheelbase and has a total length of 21 feet.

Inside, it has the latest in communications equipment, including a public address system for speaking to crowds at parades, etc. viewing of three television channels at the same time, and a back seat telephone which can be linked by radio to an emergency world-wide system, or switched to the regular U.S. telephone network.

(From SARA SLIP)

The kilowatt salutes the kilohertz.

You say radio is your hobby...something to do in your spare time. But we at FPL recognize your importance—especially in time of emergency or disaster. We salute you... and your hobby. Keep talking.

FPL
FLORIDA POWER & LIGHT COMPANY

HAMBAR

HAMBAR services of radio equipment ONLY will be available to all our subscribers, amateurs or non-amateurs, at a rate of 50 cents for 35 words, and 5 cents a word thereafter. NO AD WILL BE PRINTED UNLESS ACCOMPANIED BY FULL REMITTANCE! Rerun ads must be resubmitted each month, no $1.00 for two insertions, etc. No Hambar accepted via telephone.

Non-subscribers rate is $1.00 for 35 words and 5 cents each additional word.

To Commercial Business: Classified, undisplayed — 50 cents per line. Illustrative or General Display with border — $3.50 minimum, $60 page, including lay-out.

Deadline 10th of month for all ads.

FLORIDA SKIP, INC., Advertising Department, P. O. Box 501, Miami Springs, FL, 33166.

SHOW OFF YOUR STATION. With call letter plates (with magnetic tape) for $3.00 or two for $5.50. Black or give desired color. Will hold to wood or glass. Make all sizes—write for info. Rev. Paul C. Hart WA0RIE, Chaplain, Saint Joseph Hospital, Ottumma, Iowa 52501.

FOR SALE: Heath LG-1 lab signal generator $55.00. NC-300 receiver $75.00. Collins KWS-1 $350.00. Dick Mays K4AXC, 1031 Hunting Lodge Dr., Miami Springs, FL 33166 Phone 888-6370.

FOR SALE: SB-200 Linear $180.00. Fred Borton W4ZF, 7725 NE 8th Ave., Miami, FL 33138

NOTICE: Notice is hereby given that I am no longer, in anyway, connected with International Electronic Systems or any of its subsidiaries. Jay M. Hecker, WB4HDZ, Miami, Fla. Paid Adv.

FOR SALE: Full size 20 meter 4 element Hy-Gain beam $40.00. 2 element 15 meter Delta Loop beam $10.00. Bruce Melvin WB4NZZ, 110 E. 10th St., Hialeah, FL 33010 Phone 885-2081.

NOTICE: The New York State QSO Party is May 1 and 2. Check QST CQ for details, or write WA2FBI for details.

FOR SALE: BC-779 Receiver w p.s. and manual $30. WRL AC Power Supply $30. Heathkit Cheyenne Mobile Transmitter $35. Kleinsmidt TT-76 tape punch and printer $75. New AM car radio $15. Sell or trade new Concord 501-D reel-to-reel Stereo deck. Norman Gerber, W4ZRT, 860 NE 81st St., Miami, FL 33138, Phone 758-2658.

TELETYPE — PARTS (fast service), machines, all models. Buy parts, late machines. What have you? TYPETRONICS, Box 8873, Ft. Lauderdale, FL, 33310, W4NYF.

FROM ESTATE OF W4FNQ: HEATH SB-200 linier amplifier $190.00. SB-401 wired for c.w. only $160.00. SB-401 kit not completed $190.00. VTVM IM-11 $30.00, Vibrator power supply $9.00. Nikey Key paddle $10.00. 813 tubes $1.00 each plus other misc. items. Hilda F. Zimmerman, 7870 N.W. 14th St., Pembroke Pines (Hollywood), FL 33024 Phone 305-981-0519.

MUST SELL this excellent Mobile Rig. Galaxy GT-550 with mounting brackets and G1000DC Galaxy Power Supply with cables. $425.00. Will consider trade for Regency HR-2 (or similar two-meter transceiver) plus cash. Jim Ackerson W4PNJ, 6300 NW 25 Court, Sunrise Golf Village, Fort Lauderdale, Florida 33313. Phone 733-3296.

WANTED: SWAN 500 DX transceiver, 117XC power supply, VX-2 VOX unit, 510X crystal oscillator, FP-1 phone patch, 250C Filter. D. A. Wilbur, 369 - 6th Ave. North, Tierra Verda, FL 33715 Phone 813-361-8291.

FOR SALE: SWAN 350C and 117XC power supply-speaker. Perfect electrically and in appearance. Will not ship. $375.00. Richard Peretz, WB4JRV, 1780 N.W. 83rd Terr., Pembroke Pines (Hollywood) Fla. 33024 Phone 987-0562.

SWAP single owner excellent condition Roberts-720 stereo dual amplifier and track cross-head tape recorder. Want clean working 5 band SSB transceiver with power supply. Also have excellent Wallensak cassett recorder for matchbox or watt meter — can deliver. Larry Reagan WB4RCI, 3206 Springdale Dr., Tallahassee, FL Phone 904-385-4547.

WANTED: 60 RPM sync motor for TXC-1 FAX trans. Al Shaw WA4FZV, 1630 NW 127th St., Miami, FL 33167 Phone 681-2217.

FOR SALE: SWAN 350 with a.c. supply and Collins mike. All extra clean condition. Paul Montgomery K4JSS, 303 West Castle St., Orlando, FL 32809.

WANTED: National loud speaker to match NC-183 receiver. Must be in top condition. George V. Ruos W4OIY, 820 SE 10th Terr., Deerfield Beach, FL 33441 Phone 399-3912.

FOR SALE: From estate of WA4VYQ. Collins 75S1, 32S1, station control. Must be sold as unit. Gonset 101 linear, Hy-Gain tower vertical and misc tubes parts etc. All working. Contact R. W. Eastman, K4OC 11351 - 60th Terr. North, Seminole, Fla. 33540 Phone 393-1153 or 393-7280 9 a.m. Mon. Wed. or Fri.

FOR SALE: Hallicrafters 2000 including power supply, condition good in daily operation. Paul J. Gallant W4EOJ, 4411 No. Federal Highway, Pompano Beach, Fla. 33064 Phone 305-941-2874.

FOR SALE: Heath GH-10B VFO with Knight T-60 transmitter $50.00. Hallicrafters HA-1 TO Keyer, $40.00. Heath HO-10 monitor scope $50.00. Above items prepaid anywhere in Fla. Motorola 2 meter 10 watt base and 10 watt mobile, 4IV VHF receive strip, Sensicon A VHF receive strip. Write for info. H. Sillman, K4SCT, P.O. Box 3100, Miami, FL 33169.

FOR SALE: Hammarlund HQ-180C, $250. Hallicrafters SX117 plus HA10 LF-MF tuner $200. Johnson 6N2, 6N2VFO, Eico 730 modulator, heavy duty power supply for 6N2, all for $100. Above kept in perfect condition by retired electronics engineer. Hustler 4BTV verticle with ground rod, never used, $30. M. D. Brill, K4ETW, 627 Queens Loop North, Lakeland, Fla., 33803.

WANTED: Wattmeter and late model tube tester. For sale or trade: Eico Model 368 FM sweep Generator & Marker $70. Seco VT Grid Circuit Tester $7. EMC tube tester $7.50, Allied KG 670 R C Tester $12.50. 12V & 110V xcvrs on 6 meters FM. D. A. McClellan, WB4DPD, 109 N. Oakland St., Leesburg, FL, 32748

COLLECTORS: Early airplane receiver type 9A complete with speaker. Outside appearance original but RF coils converted for BC reception and power supply for 110 volts AC. $30. Crosley model 51 $35. Cockaday five-tube battery set built from kit. $35. No shipping. Frank Atlee, K4PI, 92 - 31st Avenue, St. Petersburg Beach, FL, 33706. Phone 360-5681.

FOR SALE: Latest model Millen Grid Dip Oscillator. As new complete with all accessories and case. $55. F.O.B. or trade against automotive ignition scope. Dr. C. R. Crowley, WA4EDW, 2310 Manatee Avenue, West, Bradenton, FL, 33505.

FOR SALE—RECEIVERS: Amateur Bands, SX101 MK-3 $90. Shipboard type Scott Navy RCH, 85 Khz - 24 MHz $75. Shipboard Redifon R50M, 11.5 KHz - 32MHZ in 8 bands $250. National CO'S Navy type RAO $50. Others, SASE for list. Frank Shannon, K4GT, 140 Bosphorus Avenue, Tampa, FL 33606. Phone (813) 251-5383.

FOR SALE: Hammarlund HQ-160 with manual $125.00 or best cash offer. Heath DX-60B, excellent with manual, asking $50.00. Elenco SSB-5 transmitter with built in VFO and supply, asking $50.00. Bendex dual channel high-band handle talkie with diagram and hand set $25.00. John Fearon W4WKP, 3384 Peachtree Rd., N.E., Suite 705, Atlanta, GA 30326 Phone 237-1261.

FOR SALE: Regency 2 meter transceiver with home brew supply. Mint condition $195.00 cash. Bernard Karpel WB4ASG, 1324 - 37th Ave. East., Bradenton, FL 33505 Phone 746-5295 after 6 p.m.

FOR SALE: HT-37 excellent condition, guaranteed. SX101, MKIII dual conversion, selectable sideband filter 5kc - .5kc, notch tuning, 160M - 11 - 10M. Reasonable offer, FOB. Rig on air. Call or write Bob Sturgis, 310 Noel Road, Orange Park, FL, 32073, Phone (904) 264-2738.

FOR SALE OR TRADE: 9 16" Andrews semi-flexible coaxial cable. Random lengths to 200 ft. with type N fittings 15c per ft. $1 per fitting. Wayne Cooper, K4ZZV, 9302 NW 2nd Place, Miami Shores, FL, 33150, Phone 757-1718.

FOR SALE: Drake TR3, first $350 takes it. Works fine. Capt. Floyd Davis, W8DXH 4, P.O. Box 802, Key Largo, FL, 33037.

FOR SALE: Millen 92200 transmatch, $90.00. Johnson 275 watt matchbox with Heath reflected power and SWR bridge AM-2, $45.00. BC-221 Freq meter with original calibration charts, build in a.c. supply $35.00. Hy-Gain tape doublet 18TD (new) $75.00. Stewart J. Baker K4CGV, 2316 Limerick Dr., Tallahassee, Fla. 32303 Phone 904-385-4958.

LAST CALL, old timers and antique gear collectors. New copies of Greenwoods Pictorial album wireless and Radio 1905-1928. $3.00 post paid. G. S. Haymans WA4NED, P.O. Box 468, Gainesville, GEORGIA 30501.

WANTED: 7.5 volt at 21 amp filament transformer, socket and chimney for 4-1000-A. Dave McKinney W4FFF, 1010 Ibis Ave., Miami Springs, FL 33166 Phone 305-888-0355.

FOR SALE: HW-32A, mike, calib., mobile mount $85.00. Lawrence Stewart WB4-SMA, 1322 SW 9th St., Boca Raton, FL 33432 Phone 305-391-6495.

FOR SALE: Heathkit Vibrator tester, like new $4.00. Dual 4X5 steel QSL file cabinets $4.00 each. Holds about 2000 cards. Hallicrafters AM-FM S-55 receiver with instructions $8.00. B&W 2KW center dipole connector $3.50. Argonne AR-57 Xtal mike $3.00. Johnson 100 kc calibrator with xtal, tube and instructions $10.00. All FOB. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 Phone 888-3874.

FOR SALE: Estate of K4NTI. Hallicrafters HT-37 with D-104 Mike $150. NC-270 and homebrew novice transmitter $75. Hy-Gain TH-3 Beam $20. Amoco CN144 Converter with power supply $20. Bug (Japan) $5. Drake TV-1000 lo pass 52 ohm filter $7.50. Senco Tube Tester Model 78 $10. Heath HM11 SWR Indicator $7.50. Heath cap. tester IT22 $5.00. Plus other misc. items. Also AN UPM2 Wavemeter $15. BC-221 Freq. meter $40. TS175 U freq. meter 80 to 1000Mc $45. BC 906D freq. meter $15. Dumont scope Model 304AR $20. HP Mod. 202 audio Osc. $25. Hy-Gain RotoBrake Rotor with top section for EX-Way tower $60.00. EZ-Way Tower, 6 each, 10 ft. sections $90.00. 2 skeleton slot ant. for 2 meters $15 each. Forrest Haynes, K4YPO, 4419 Forest Road, West Palm Beach, FL, 33406.

METERS FOR SALE: PACO Model V-70 VTVM only $15 and EICO, VOM Model 565 $12. These meters are reconditioned and have new 5 ft. test leads. Howard Stark, WA4MTH, 9231 Caribbean Blvd., Miami, FL, 33157, Phone 238-6430.

FOR SALE: Swan 500 with power supply. Perfect. $450. Will accept Swan 350 in trade. Also for sale DX100 and SX71 very nice. Make offer. Wanted: TV Antenna Rotator. Ray LaForce, W4GSB, 4123 - 37th St. North, St. Petersburg, FL, 33714.

FOR SALE: Johnson Viking Ranger, good condition, original instruction book $50. plus shipping. 1 - SCR 274 - 453 modified with product detector and power supply $30. plus shipping. William S. Heston, W4EKJ, 274 Tropic Drive, Lauderdale by the Sea, FL, 33308. Phone 565-1313.

FOR SALE: Full size Telrex 20 meter beam - 3" alum. boom 20 ft. long. New radiator and reflector. Mounts. $50 plus shipping. William S. Heston, W4EKJ, 274 Tropic Drive, Lauderdale by the Sea, FL, 33308, Phone 565-1313.

WANTED: HT33 or HT41. Dale Meyers, W4BIM, 740 Burgess Rd., Pensacola, FL, 32504.

TRANSFORMERS REWOUND. Jess Price, W4CLJ, 507 Raehn Street, Orlando, FL, 32806. Phone (305) 425-7251.

FOR SALE: Johnson Viking Valiant, wired for SSB adapter. Also Viking SSB adapter in mint condition. All connecting cables and manuals. Need 40' fold-over tower, rotator, 3-band quad. Hank Schueler, WN4MYX, 6431 SW 18th Street, Miami, FL, 33155, Phone 261-1467.

FOR SALE: Hallicrafters HT-44 and power supply, Dow Key Antenna Relay spare set 6DQ5's, (2) 816 Rect. 2000V. Oil Cond. Many power transformers and Sams folders in binders. Riders TV manual. VOM - other odds and ends. Take everything for $200. Clarence L. Wright, K4CDP, 424 Hand Avenue, Ormond Beach, FL, 32074.

FOR SALE: CE-20A w VFO, Valiant, HW-12 and HP-13, Norelco 401 solid state 4trk, 4 speed stereo recorder. Wanted: Young gentle horse. Will consider trade for above. George Davidson, K4ENW, 1750 Wild Acres Road, Largo, FL, 33540. Phone (813) 531-0152.

JOIN THE 2 METER FUN! We make it easy with the lowest prices on new equipment of most major manufacturers. Shipped prepaid. Write for our deal! CARL EAGLE ELECTRONICS, 122 N. Oak St., Granite Quarry, NC, 28072.

NEWLY APPOINTED Emergency Coordinator (EC) for Martin County, Vic Lindsay, WB4HVE of Stuart. Vic is busy with over-seas phone patches, mostly for military. He is also active on 40 and 75 s.s.b. **(Photo by W4YB)**

IN MEMORIAM OF MOE STABIN

On Saturday, April 3rd, the Intercontinental Amateur Radio Traffic Net presented a check of $100.00 to the Variety Childrens Hospital in Miami in Memoriam of the late Moe Stabin, K4DJW.

Moe, the Originator of the IARTN net directory, spent countless hours compiling the book. After printing expenses were paid the excess amount of money from sales were donated by Moe and Sally, to the Variety Childrens Hospital. Today, at the Main Doors is a golden plaque in thanks to them for their many donations, over the years which amounted to well over $2,000.00. Moe passed on July, 1970.

The Intercontinental Net is primarily a traffic net, handling traffic to and from any country in the world where third party traffic is permitted. The Net meets twice daily 6 days a week on 14,330 at 1100 thru 1500 GMT and 2330 thru 0100 GMT, ex cluding Sundays. Dick Ely, WA4VHM is Net Manager.

Members at the check presentation were: K4CRU, K4JGU, WA4LRS, WB4JER and W4UDF.

A commemorative plaque made up by the entire net was presented to Mrs. Stabin in Ft. Lauderdale by Willard, WA4LRS.

Anyone wishing to purchase a new Directory may do so by sending $1.50 to: Tex Barbarite, 9 St. Ives Dr., Serverna Park, MS 22156. All proceeds from these sales will be donated to the Variety Childrens Hospital in the near future. 73, Don W4UDF.

99 TRANSISTOR PROJECTS

99 ELECTRONIC PROJECTS by Herbert Friedman. The construction of electronic projects can now be enjoyed by children, teen-agers, and adults because of the transistor and related solid-state devices. These devices will operate at voltages as low as 1 volt, making electronics safe for children, or at voltages in excess of 100 volts. Electronic projects can be constructed for less than a dollar or for hundreds of dollars. Solid-state electronics offers more versatility than any other single hobby.

Included are projects in 16 categories such as audio, automotive, test equipment, photography, and burglar alarms.

The inexperienced amateur will be introduced to many of the new solid-state devices including light sensitive solar cells, silicon controlled rectifiers, zener diodes and, of course, the transistor. Persons with epxerience in electronics will find many circuits that fit that special application they've been itching to tackle.

99 ELECTRONIC PROJECTS, Catalog No. 20818, Howard W. Sams & Co., 4300 West 62nd St., Indianapolis, Ind. 46268. 128 pages; softbound. List Price: $3.50.

PROCLAMATION

State of Florida
Executive Department
Tallahassee

WHEREAS, the role of the Florida Amateur Radio Operator is highly important in times of emergency, and

WHEREAS, Florida Amateur Radio Operators stand ready at all times to come to the aid of individuals and the public when the need arises, and

WHEREAS, the members of this talented and skilled group are constantly working, studying and operating so that they will always be prepared at the crucial moment when their communications expertise is called on, and

WHEREAS, the electronic impulses of their vitally important hobby carry their talks to fellow enthusiasts all over the world, thereby establishing an important people to people communications media that is extremely important in the improvement of the international relations of the United States, and

WHEREAS, more than frequently, it is the amateur radio operator who comes through in time of dire need of the isolated and lonely, and

WHEREAS, the Amateur Radio Operators engage in innumerable programs of assistance and rehabilitation of the handicapped in the development of radio as a hobby, and

WHEREAS, the dramatics of radio communication becomes commonplace when the great number of merry and convenience messages by the Amateur Radio Operators from the remote parts of the globe back home to America are considered in the light of their frequency;

NOW, THEREFORE, I, Reubin O'D. Askew, by virtue of the authority vested in me as Governor of the State of Florida, do hereby proclaim June 21-27, 1971, as

FLORIDA AMATEUR RADIO WEEK

in tribute to the services rendered by these dedicated and talented hobbyists.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Great Seal of the State of Florida to be affixed at Tallahassee, the Capital, this 17 day of March in the year of our Lord Nineteen hundred and seventy-one.

Reubin O'D. Askew
GOVERNOR

ATTEST:

Richard (Dick) Stone
SECRETARY OF STATE

A SPY IN THE MAIL

Mailmen in West Germany are working extra hard these days. No one knows when a mini-spy may be at work.

Government officials are concerned about the delays in mail delivery. So they are sending ordinary-looking packages through the mail that really are not ordinary at all.

The packages contain special devices like those used to record earthquakes. A needle moves back and forth on a roll of paper tape. Later, experts can examine the tape to tell when the package was moving, if it was riding on a truck, train, or in the mailman's pouch, or if it was just sitting at the post office.

The mini-spies are so light that they can be disguised as letters. The equipment, however, is used only to find out if the postal system is up to standard. It is never used to spy on individual workers.

— COMING EVENTS —

St. Pete Hamfest	May	15
Armed Forces Day	May	15
Orlando Hamfest	May	22-23
State QCWA Dinner, Orlando	May	22
Brandon (BARS) Camporee	June	11-13
ARRL Field Day	June	26-27
Melbourne Hamfest	Sept.	11
Tampa Hamfest	Oct.	16 - 17